

REPLACEMENT SHEET FOR SERIAL NO. 10/706,423

			ANALYSIS AND ANALYSIS ANALYSIS AND ANALYSIS ANALYSIS AND	
Microwave power (W)		~~~		,
Chamber	400	800	1200	1600
material and inner				
conductivity(Ω'·m')	į			
SUS (no inner surface				
processing) 1.4 × 108	×	×	×	×
Pb (inner surface processing			·	
onto SUS) 4.8×106	×	×	×	◁
Ta (inner surface processing				
onto SUS) 8.0×106	×	×	0	0
W (inner surface processing				
onto SUS) 1.7×107	×	0	0	0
Al (inner surface processing				
onto SUS) 3.7×107	0	0	0	0
Au (inner surface processing	(
onto SUS) 4.3×107	O .)	0	0
Cu (Inner surface processing		(
onto SUS) 6.0 × 107	O	0	0	0
Ag (inner surface processing	(
onto 305) 6.3 × 107	O	0	0	0
Inner surface processing thickness: 10	0 μ m	Oplasma stable A plasma mastable	1	

Fig. 3

O plasma stable \triangle plasma unstable \times no activation of plasma caused

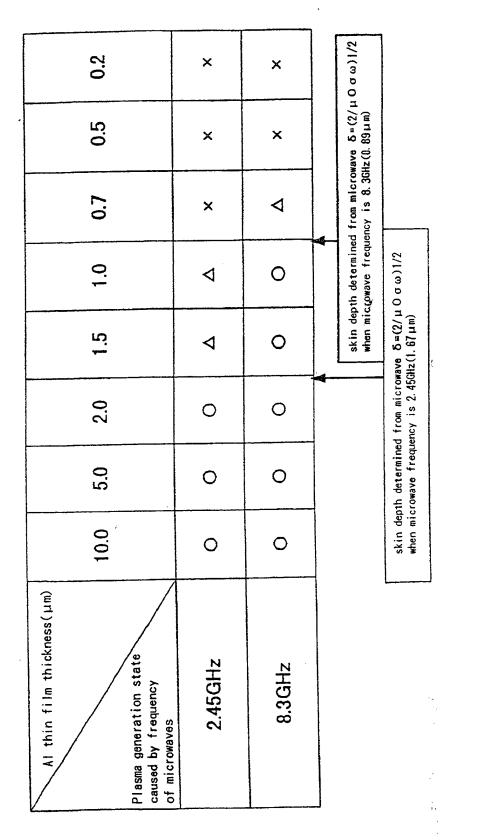
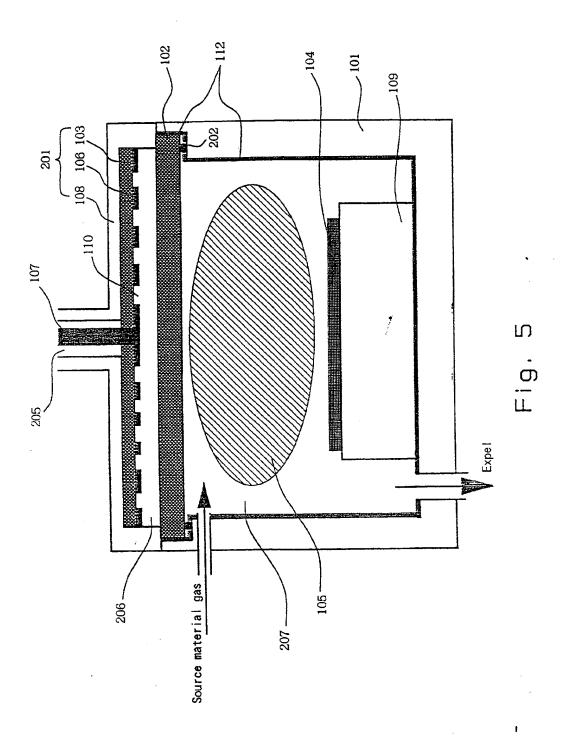
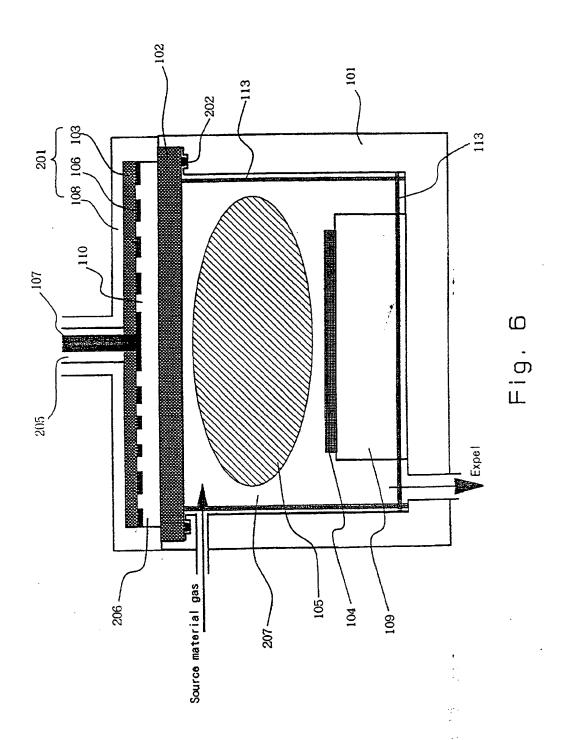
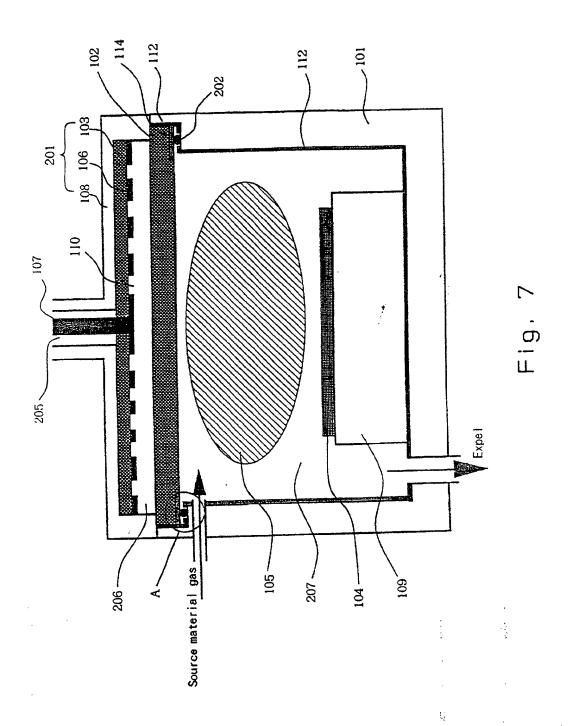
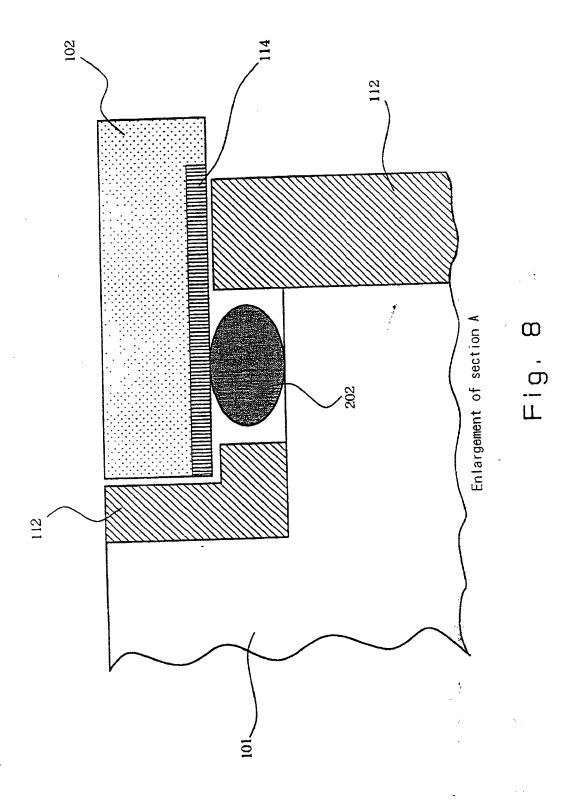


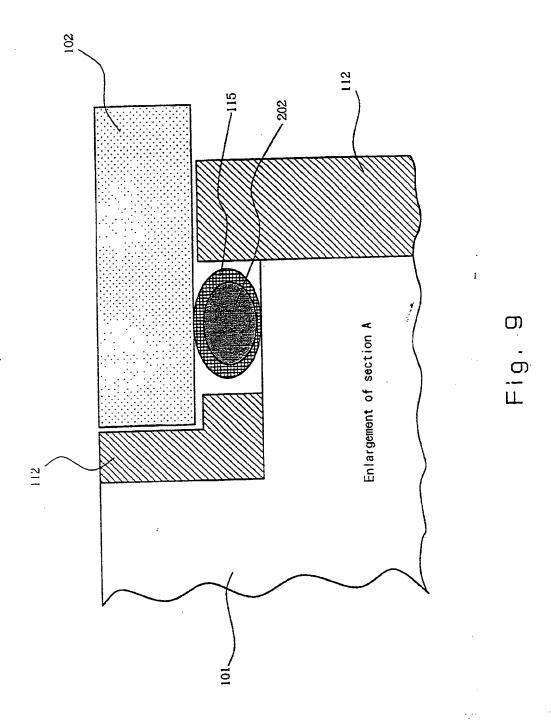
Fig. 4

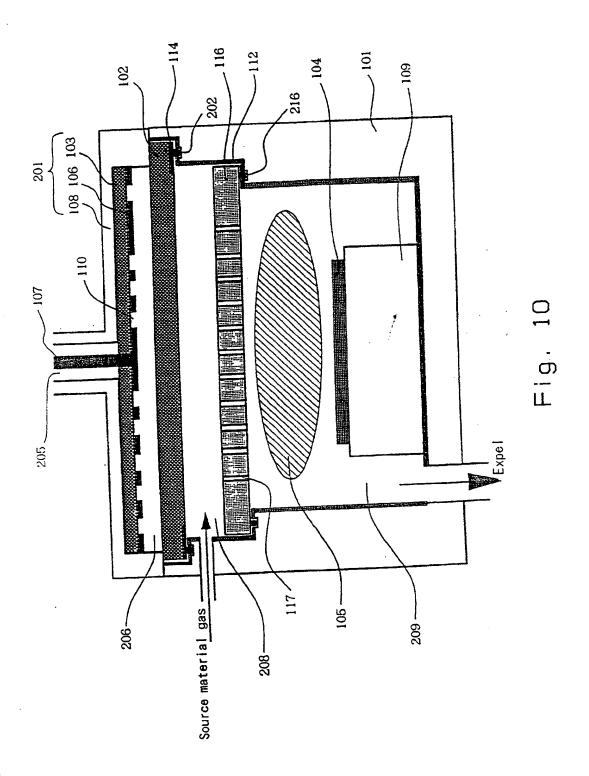


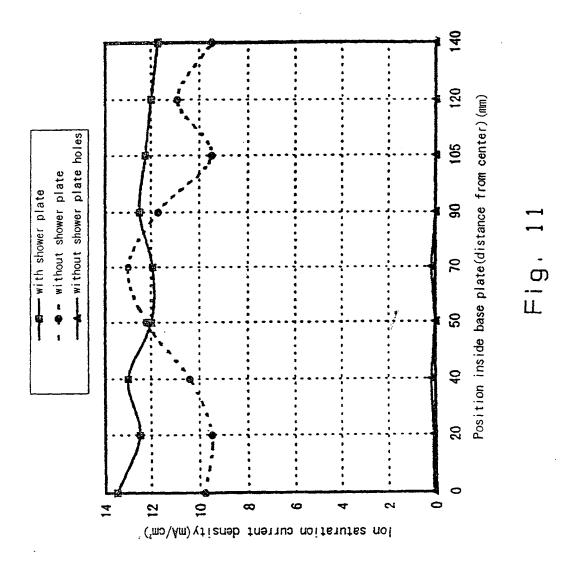


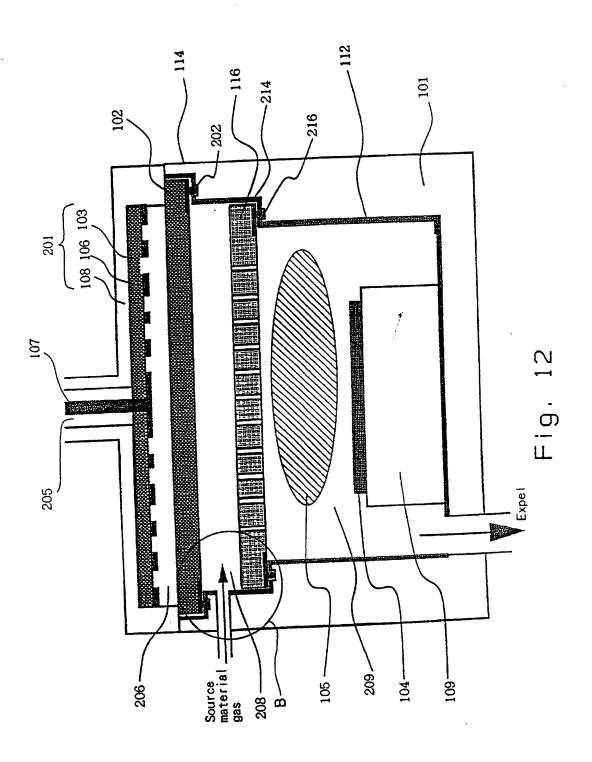


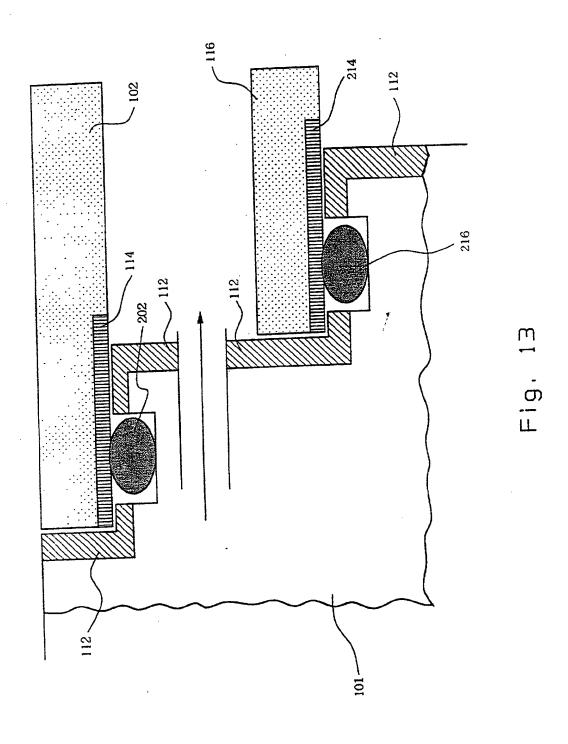


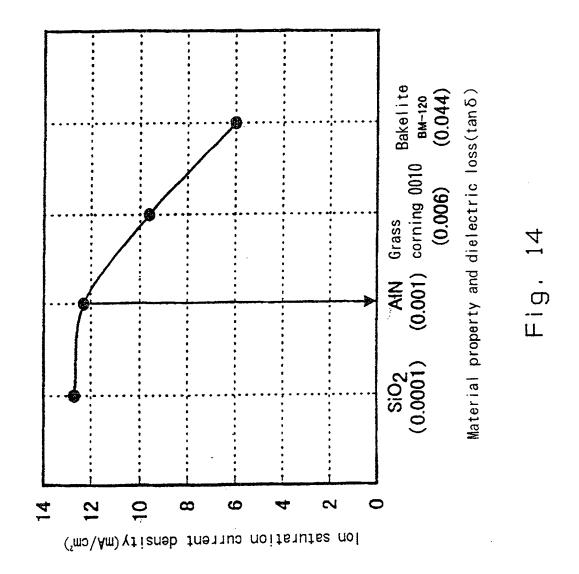


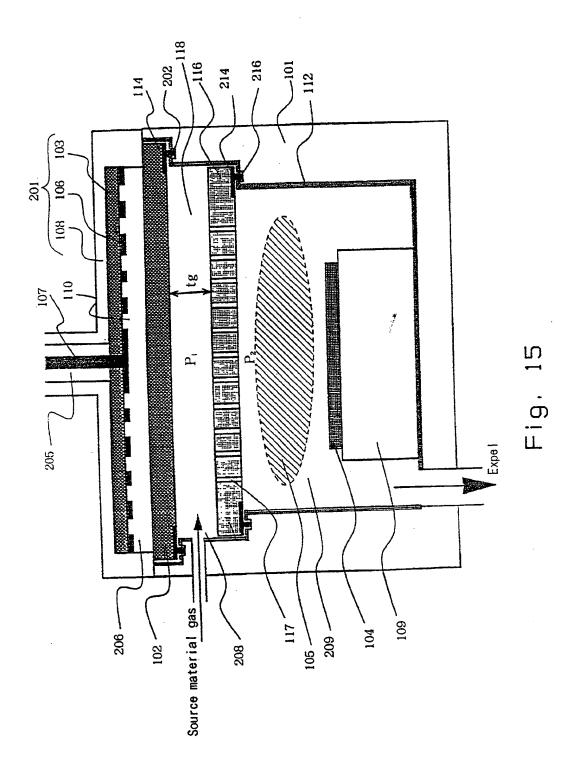












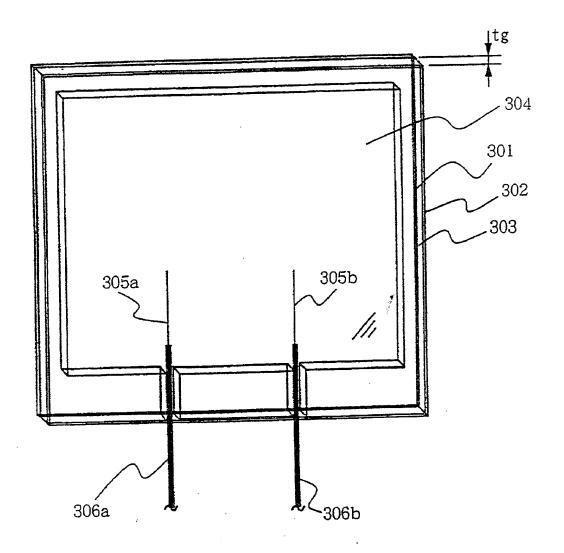


Fig. 16

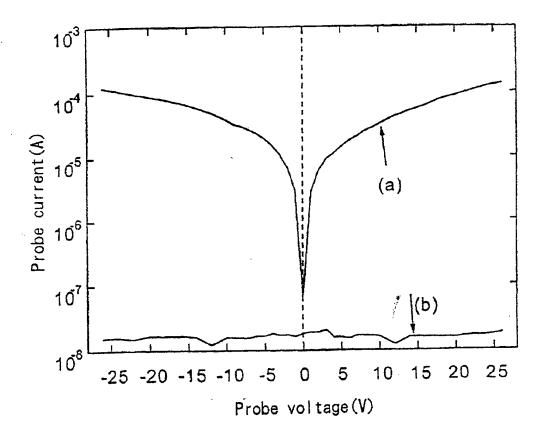
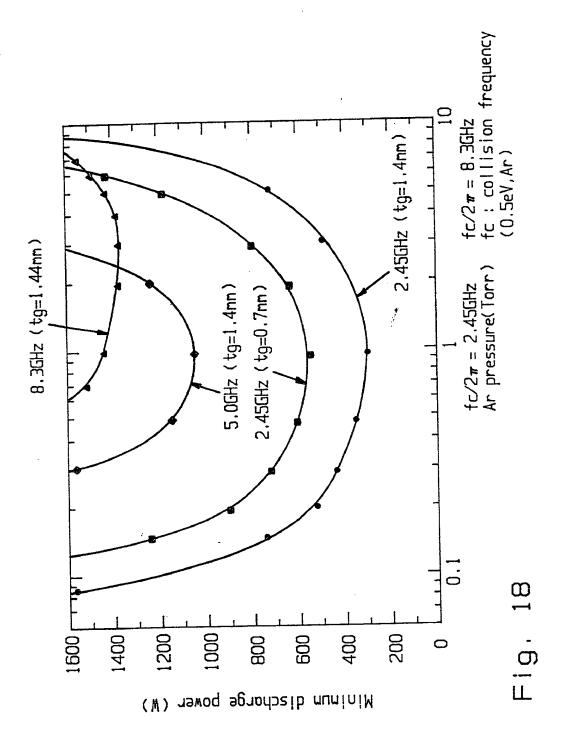
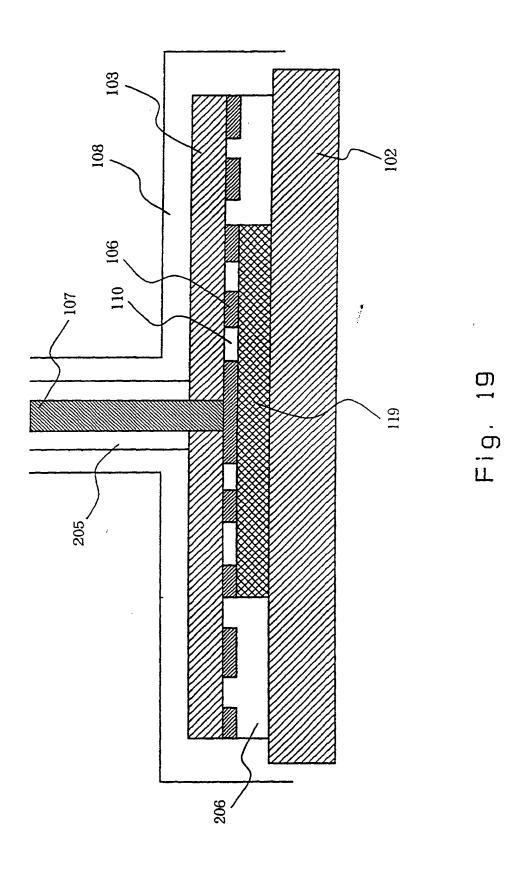
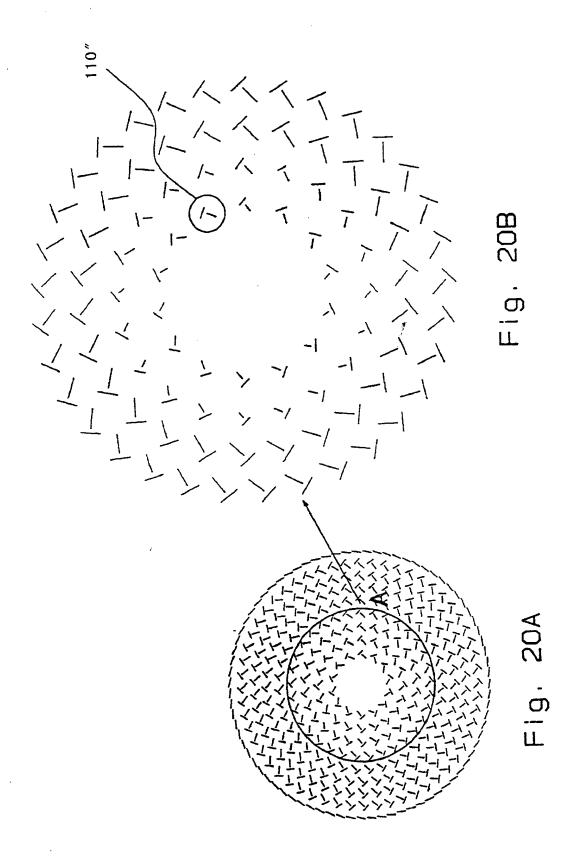
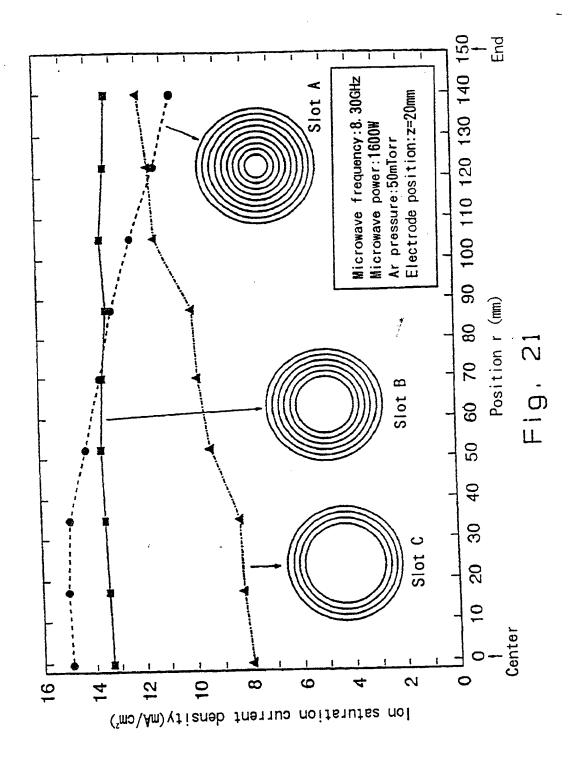


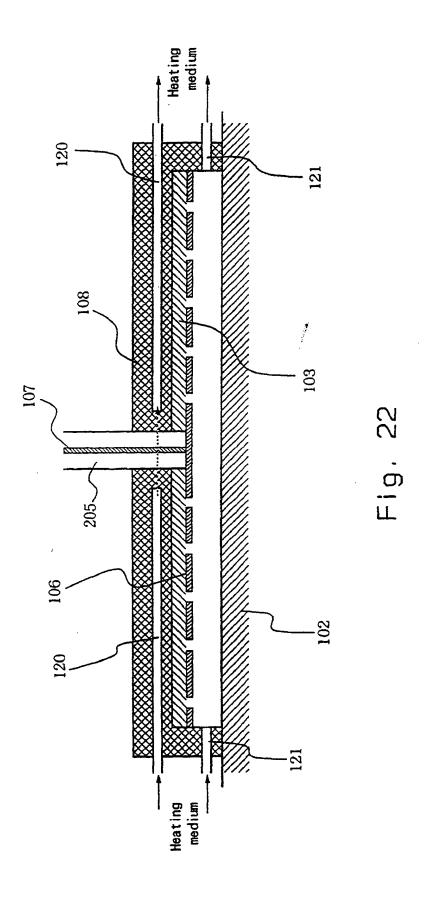
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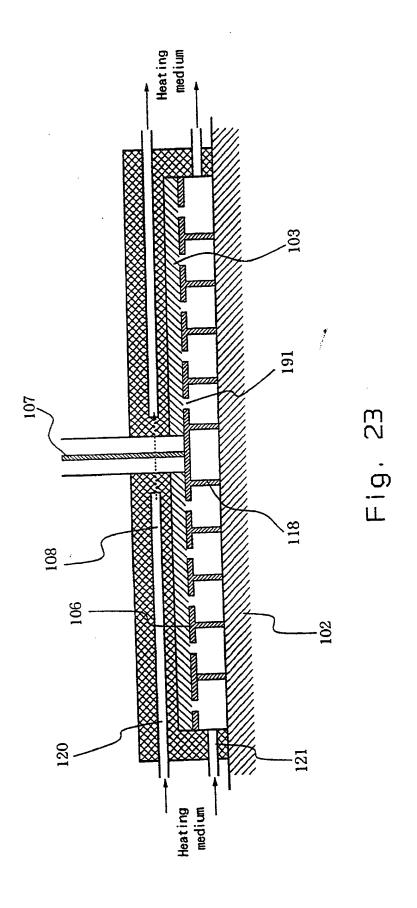


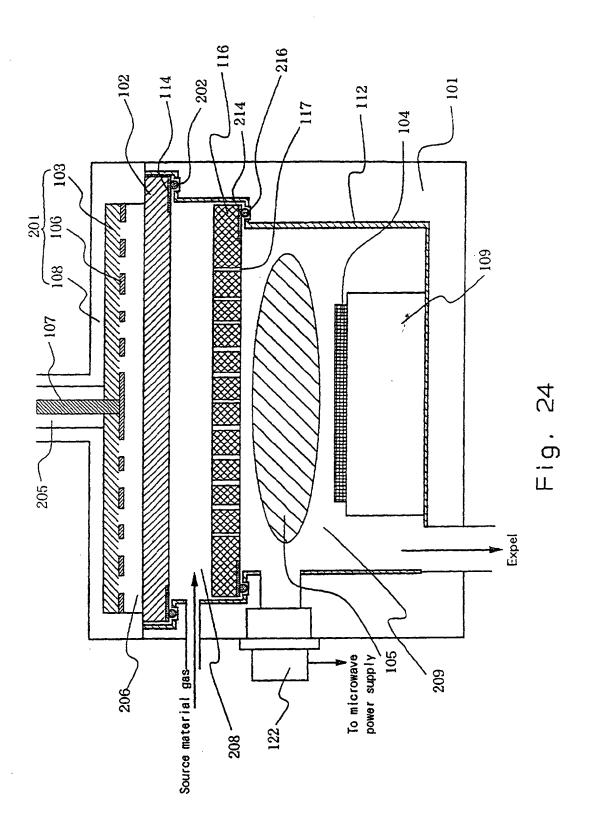


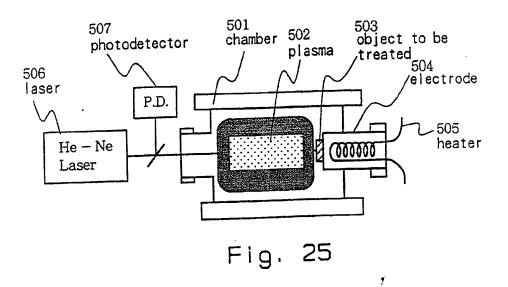












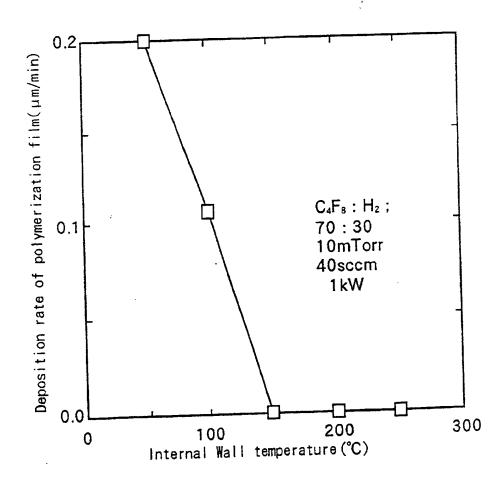
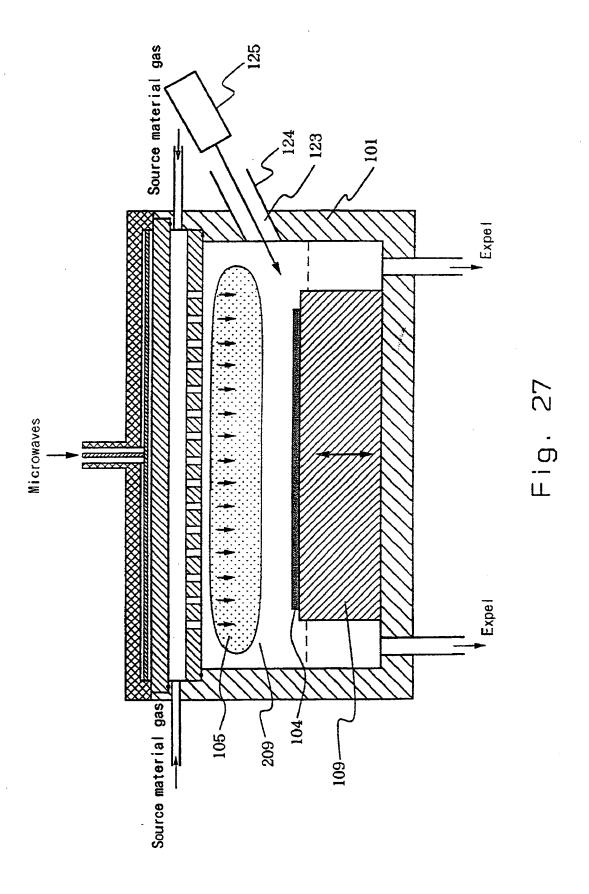
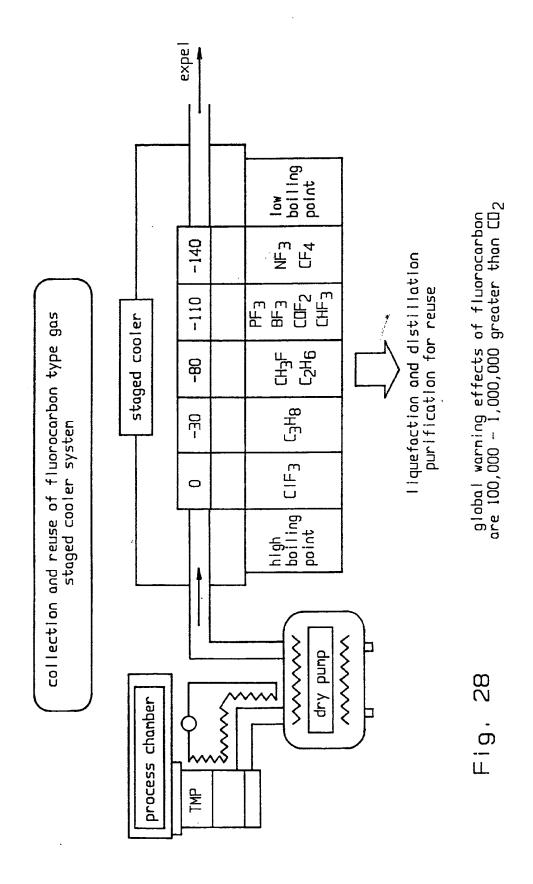
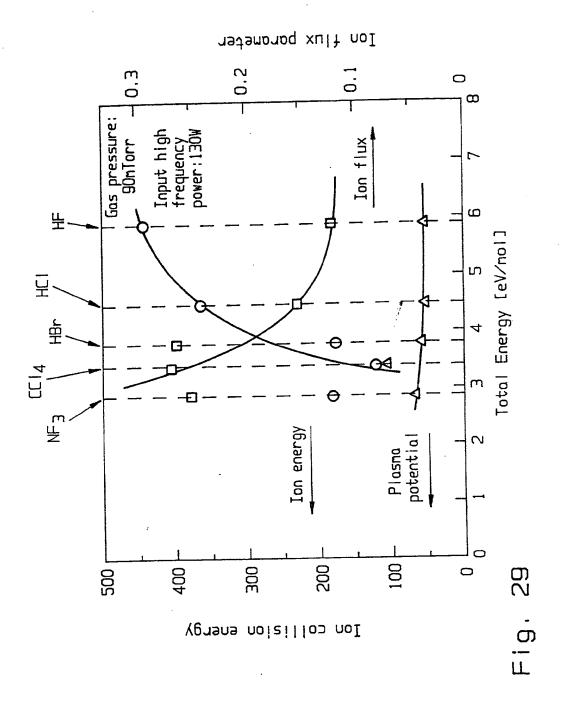
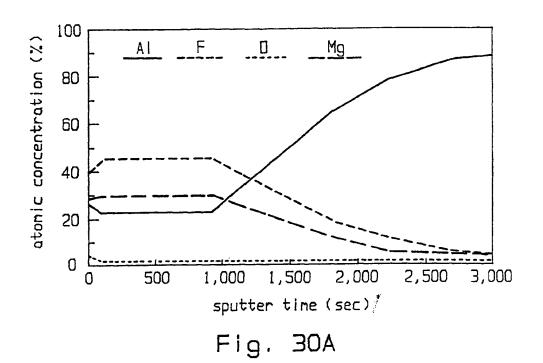


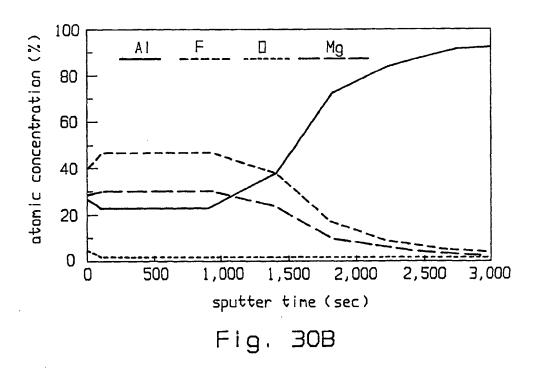
Fig. 26

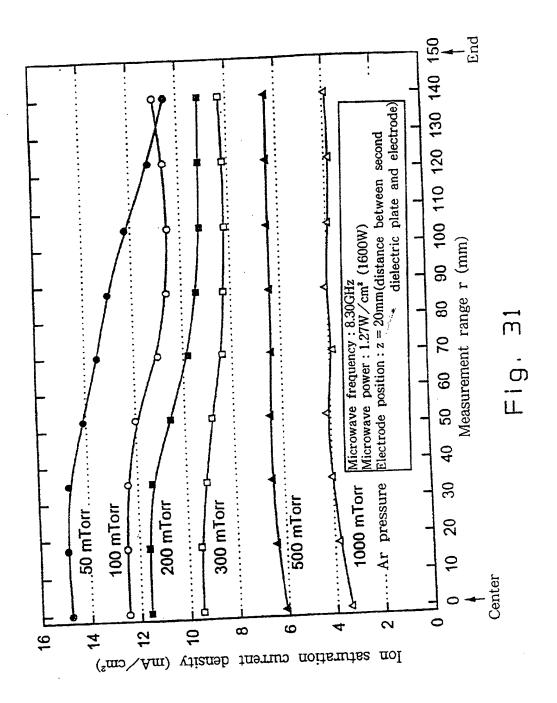


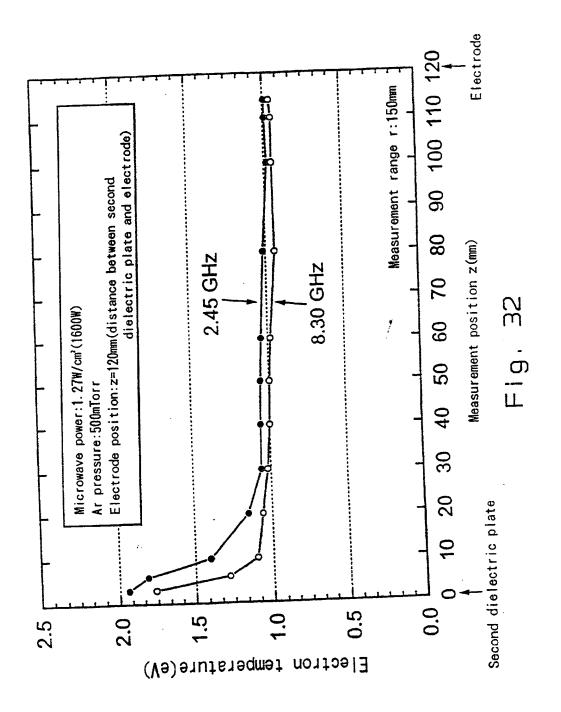


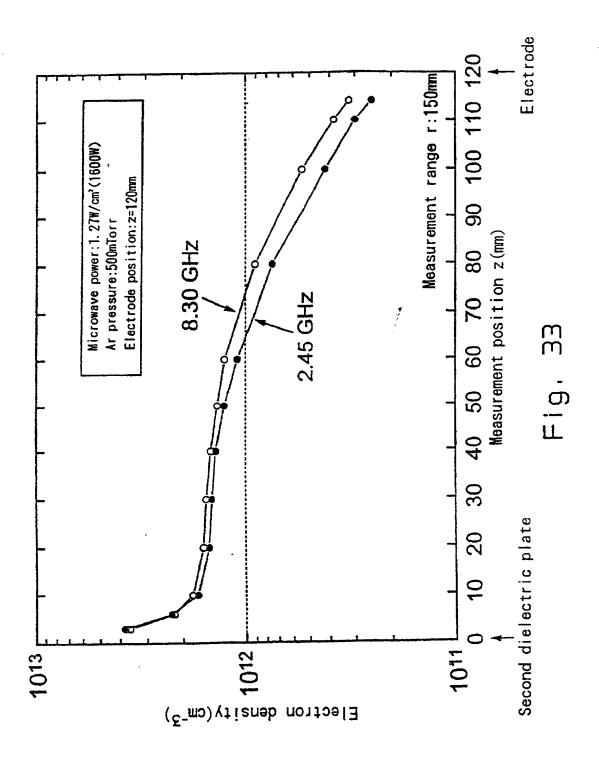












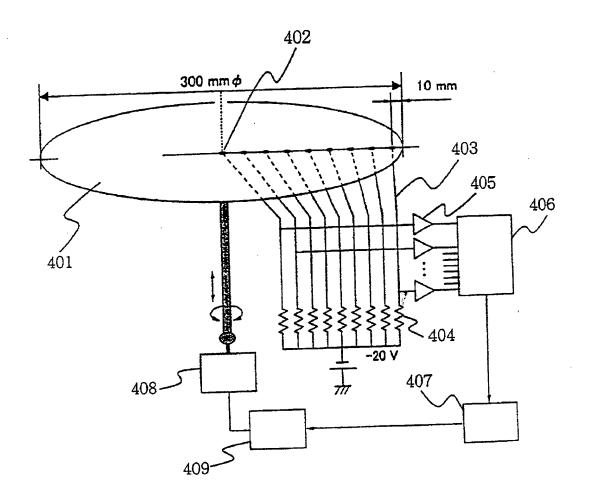


Fig. 34

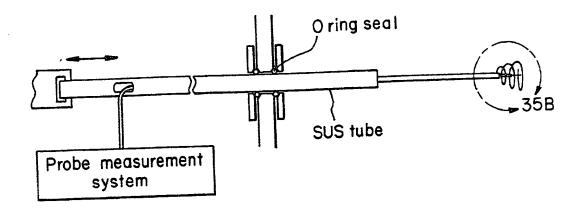


Fig. 35A

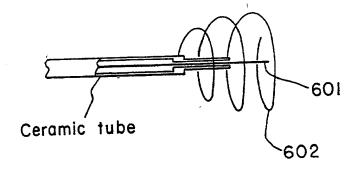
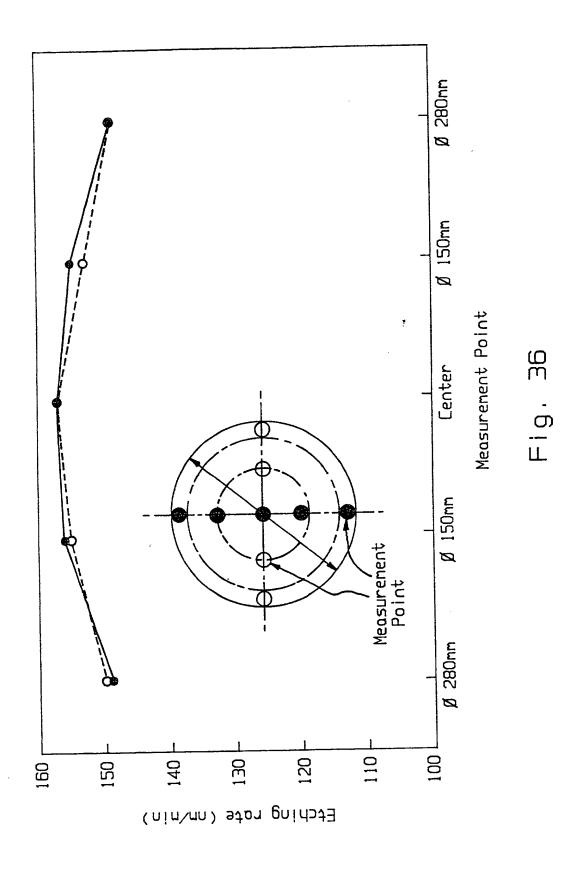


Fig. 35B



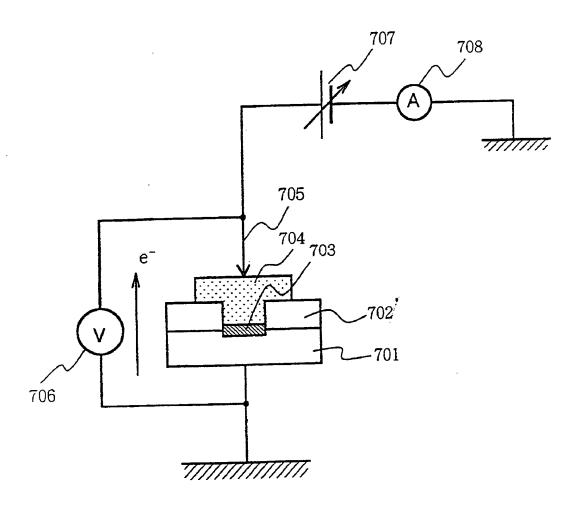
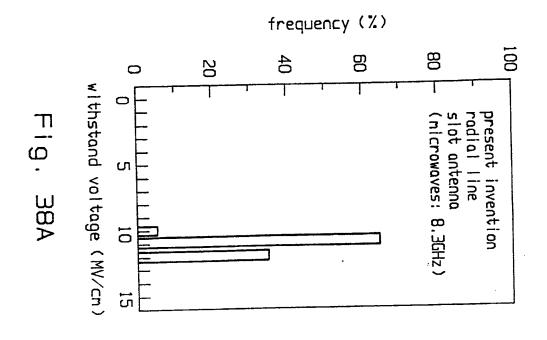
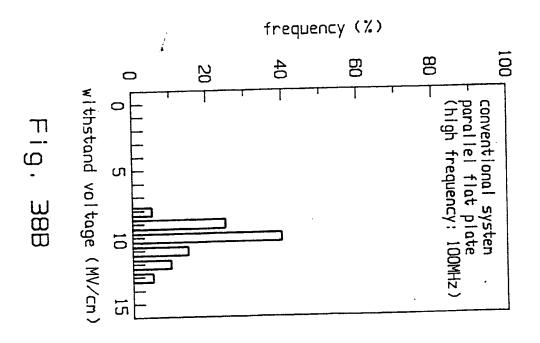
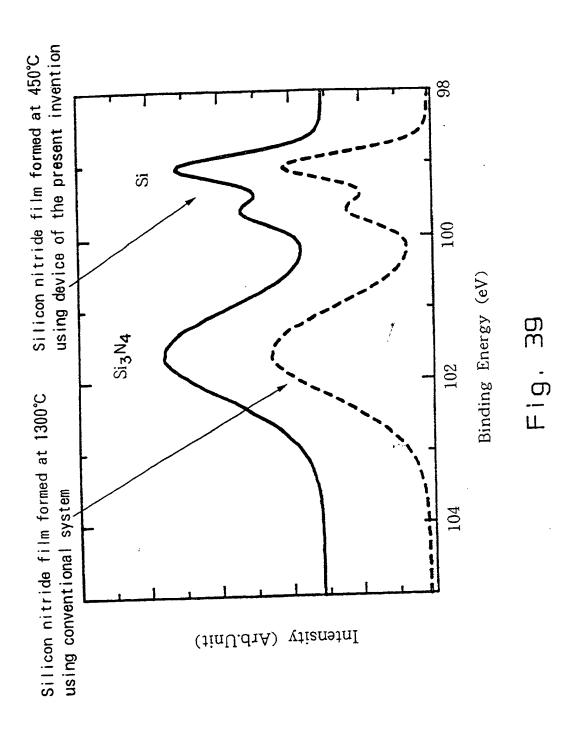
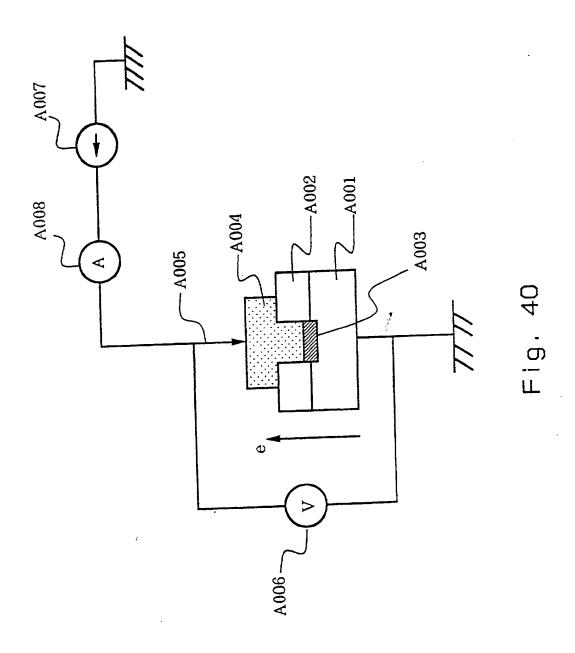


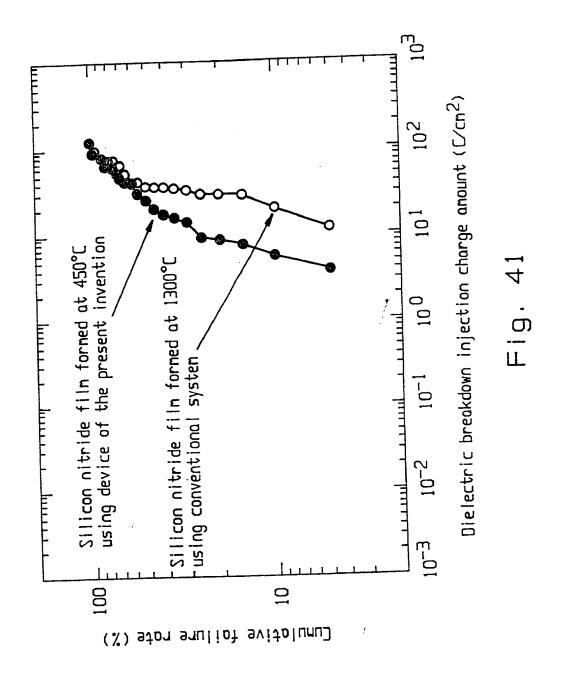
Fig. 37

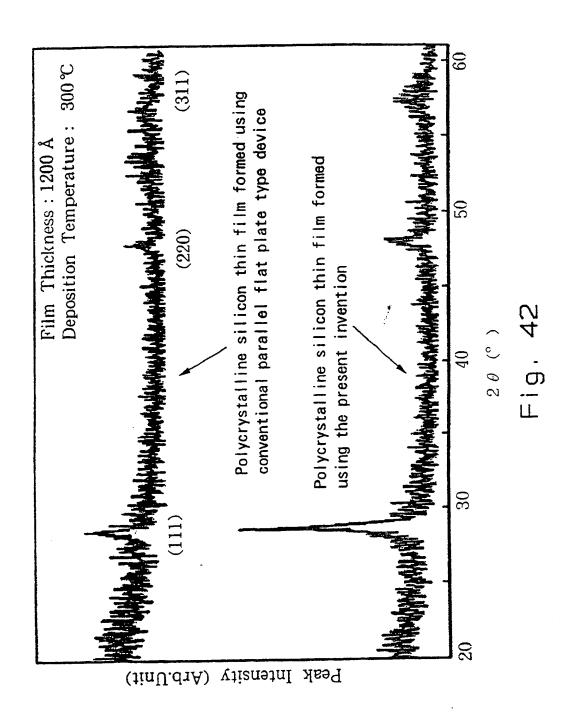


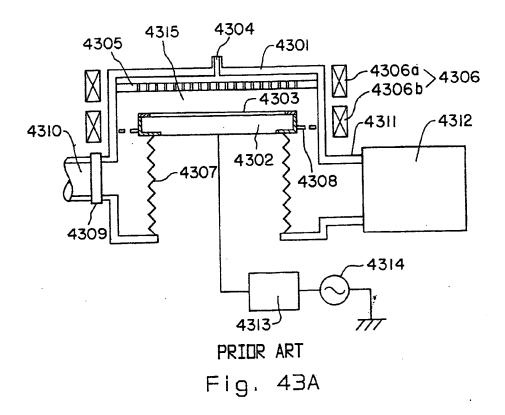


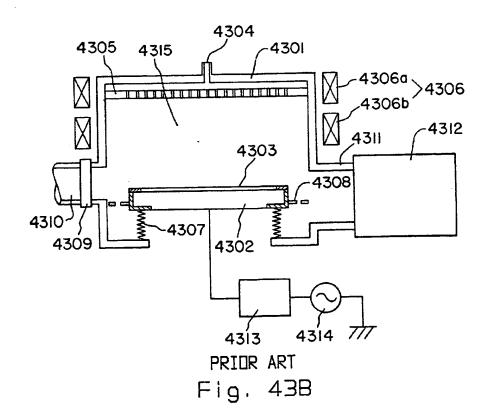












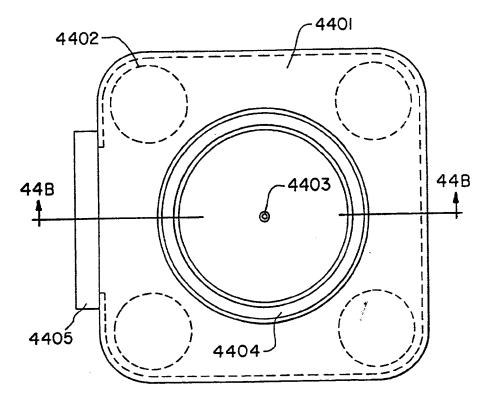


Fig. 44A

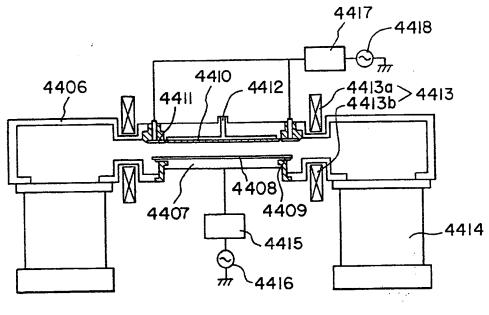
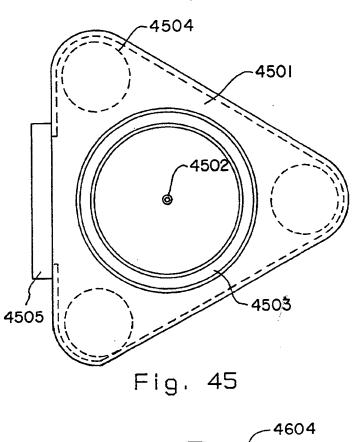
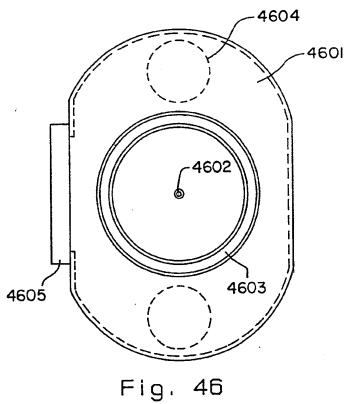


Fig. 44B





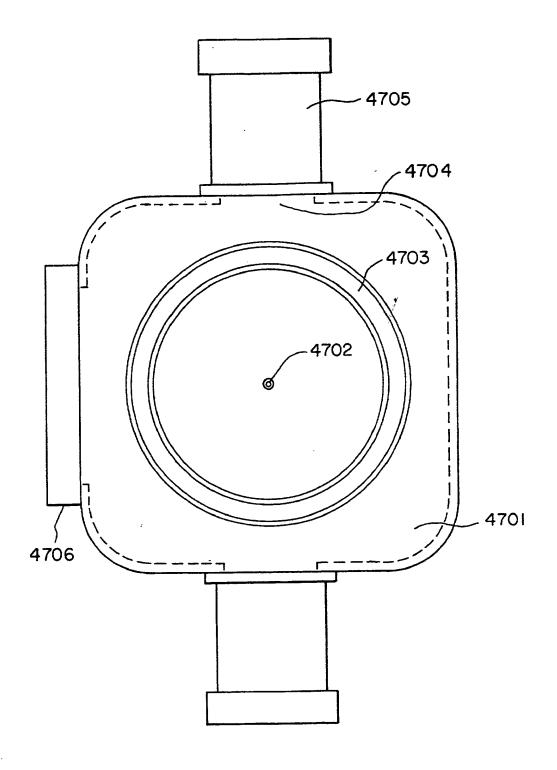


Fig. 47

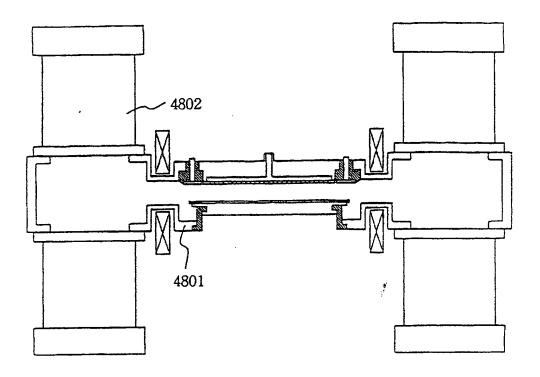


Fig. 48

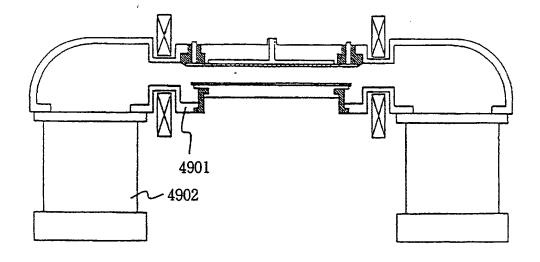
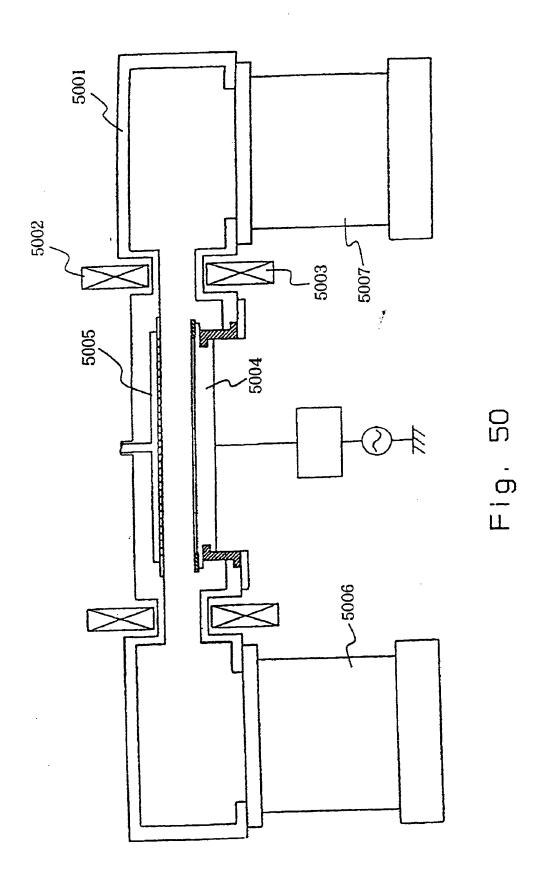


Fig. 49



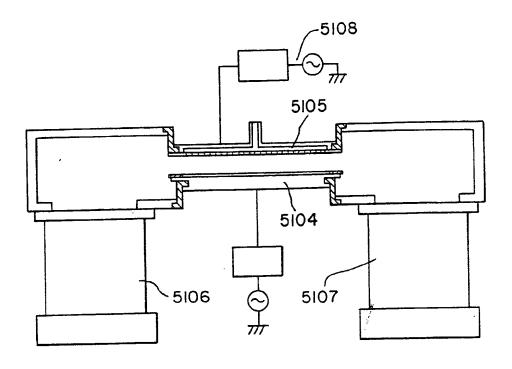


Fig. 51

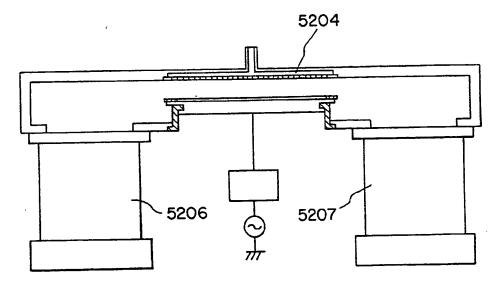
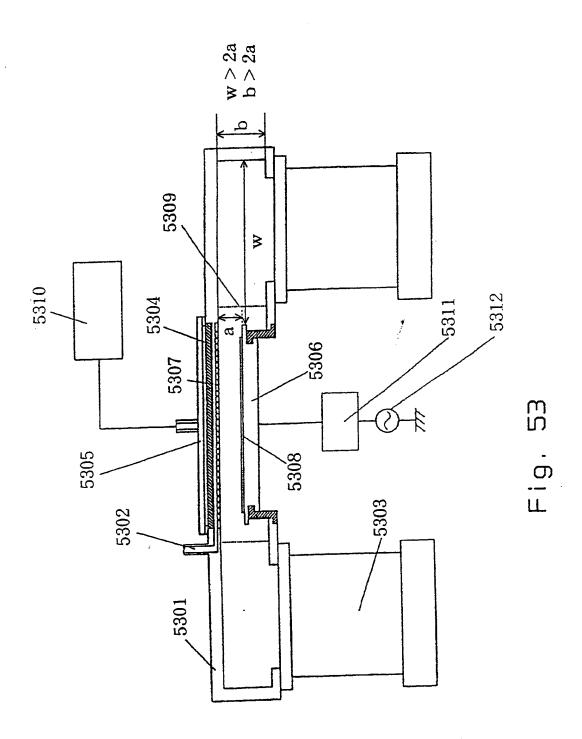
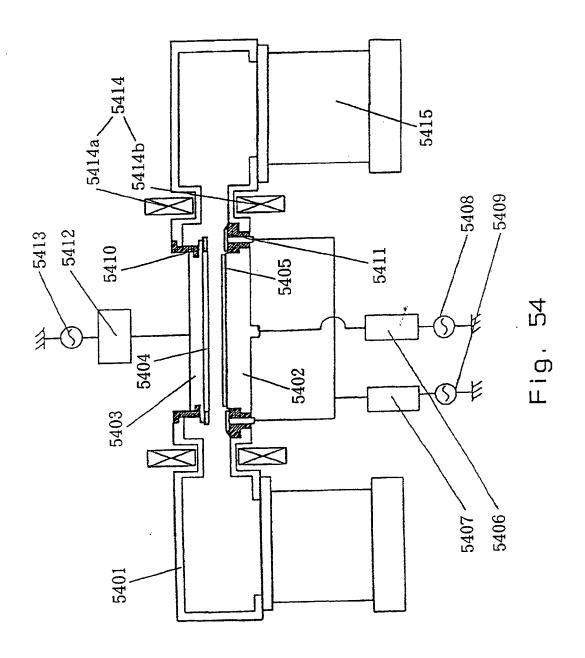
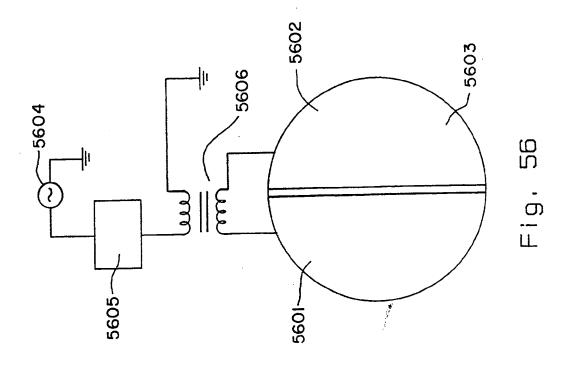
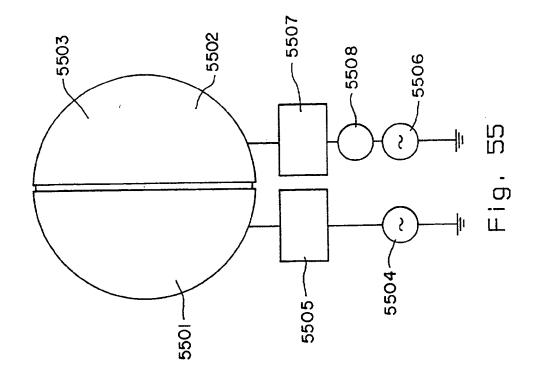


Fig. 52









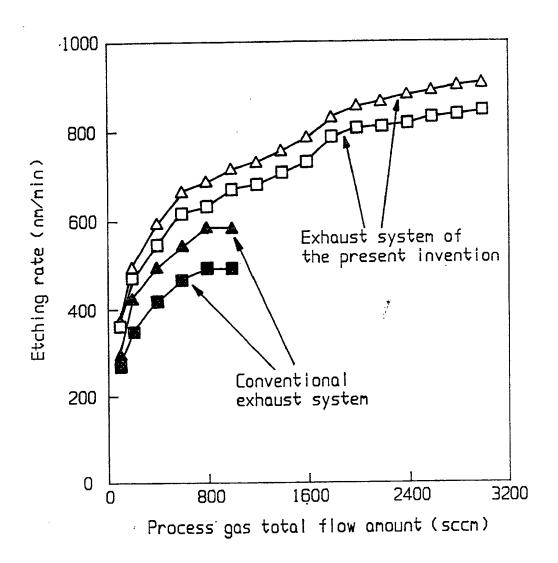


Fig. 57

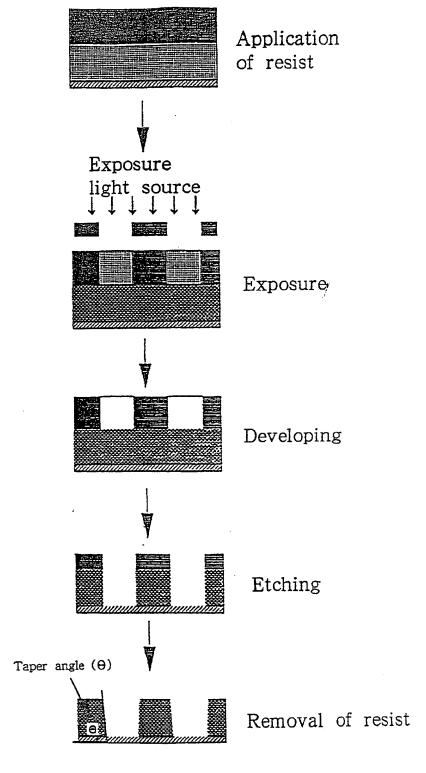
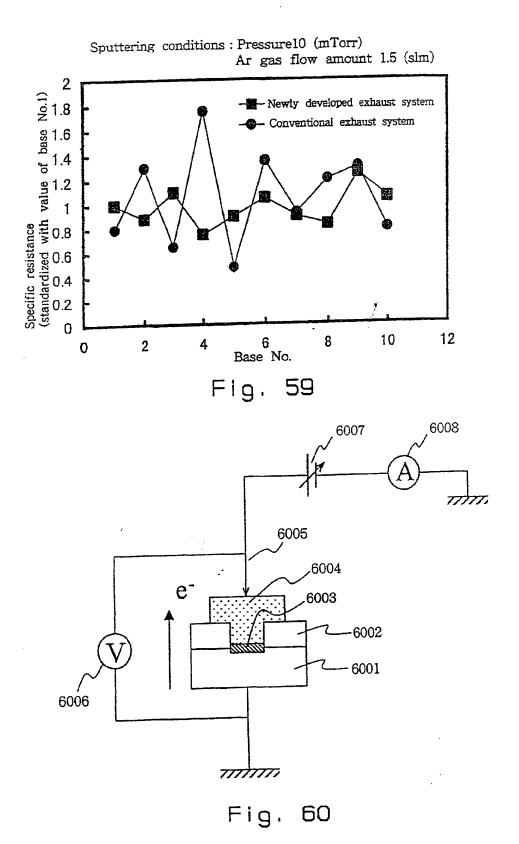
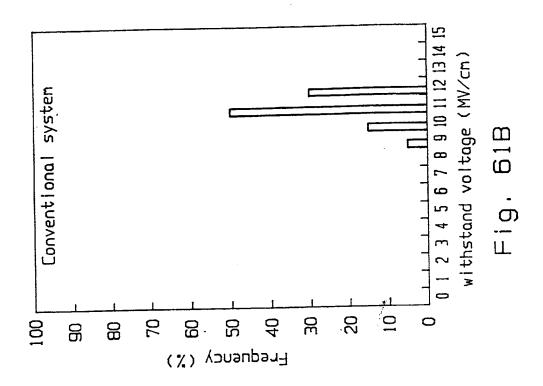
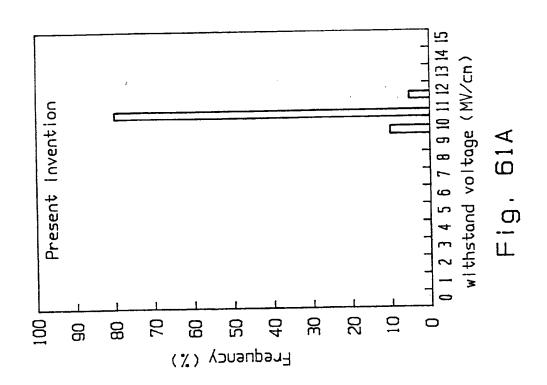


Fig. 58







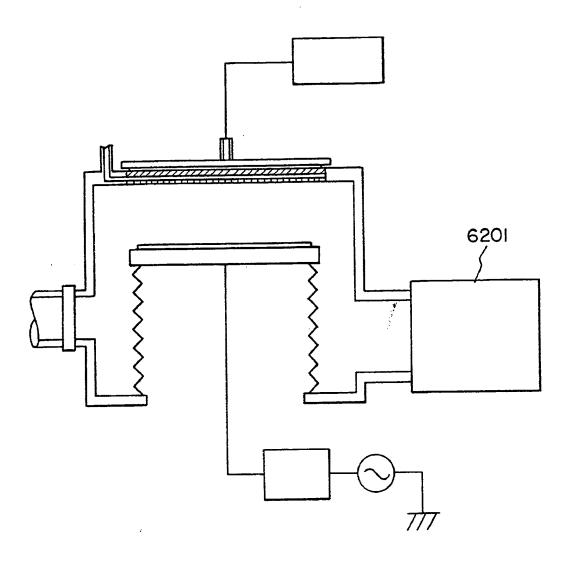
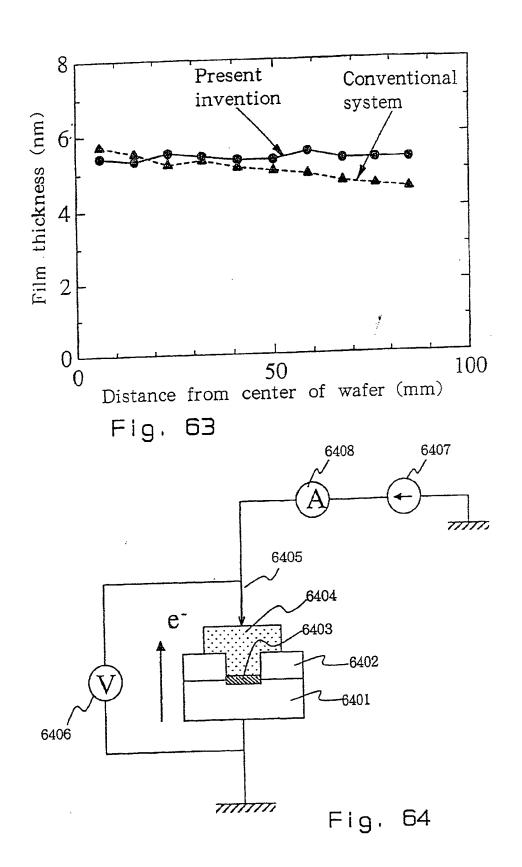
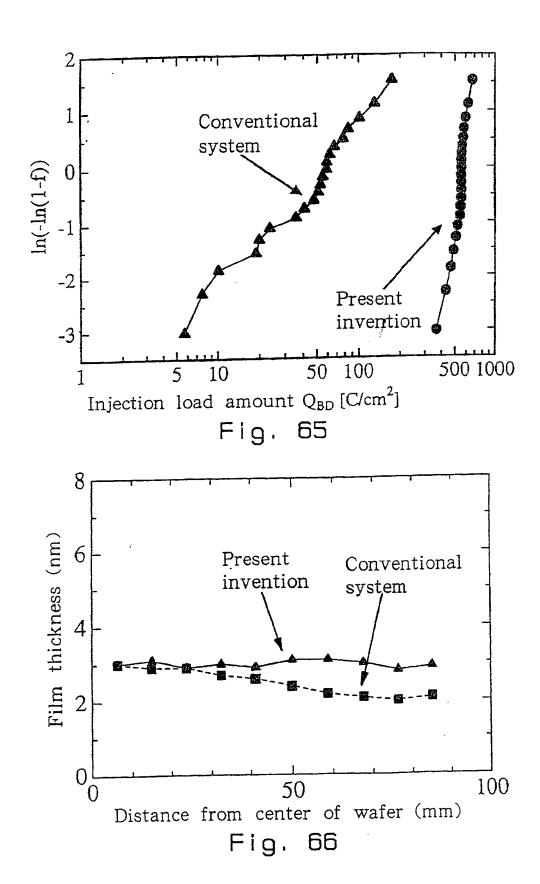
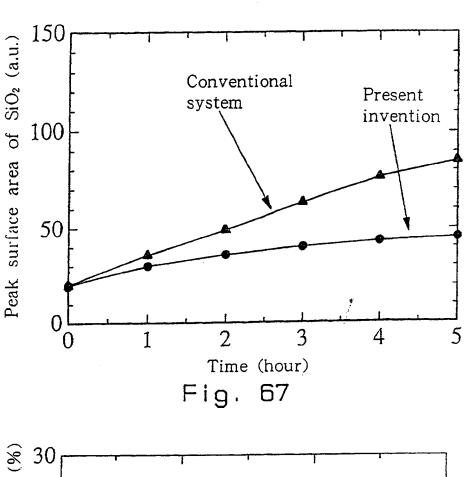


Fig. 62







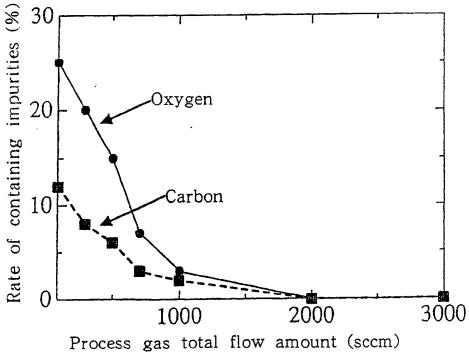
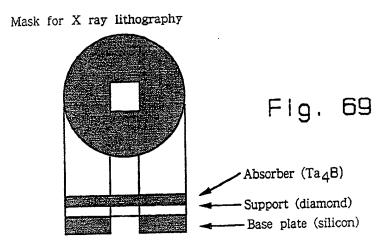
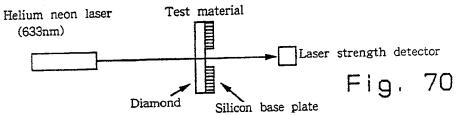
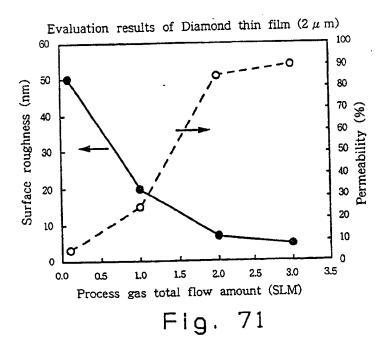


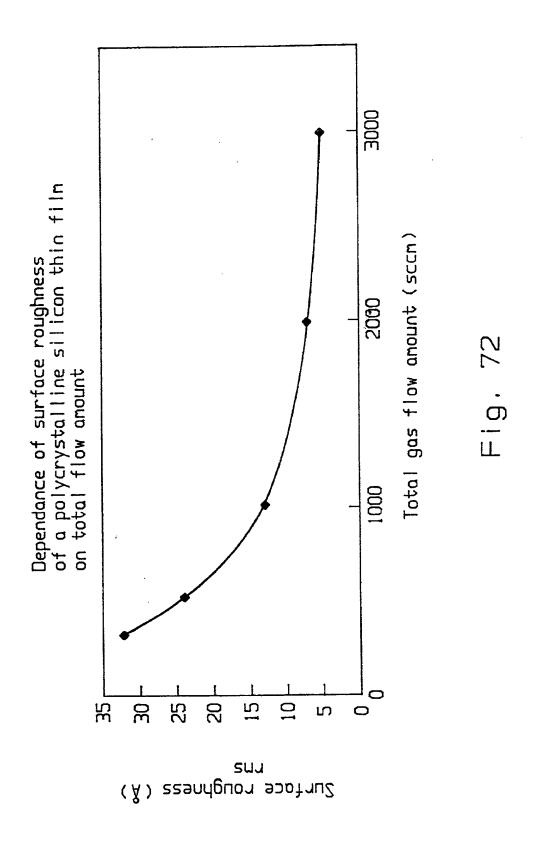
Fig. 68

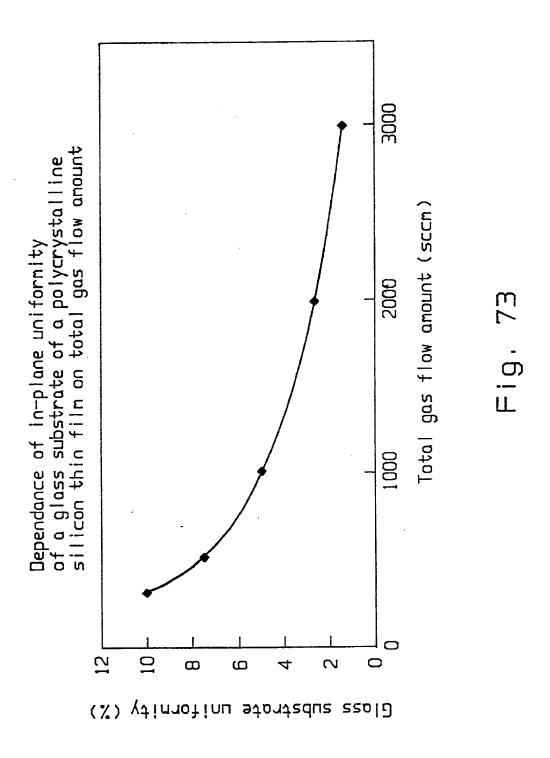


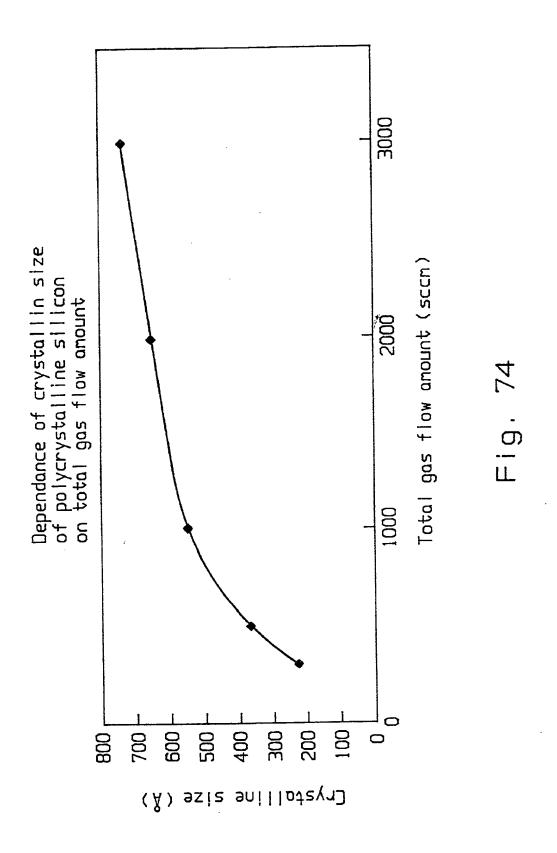
Permeability measurement system

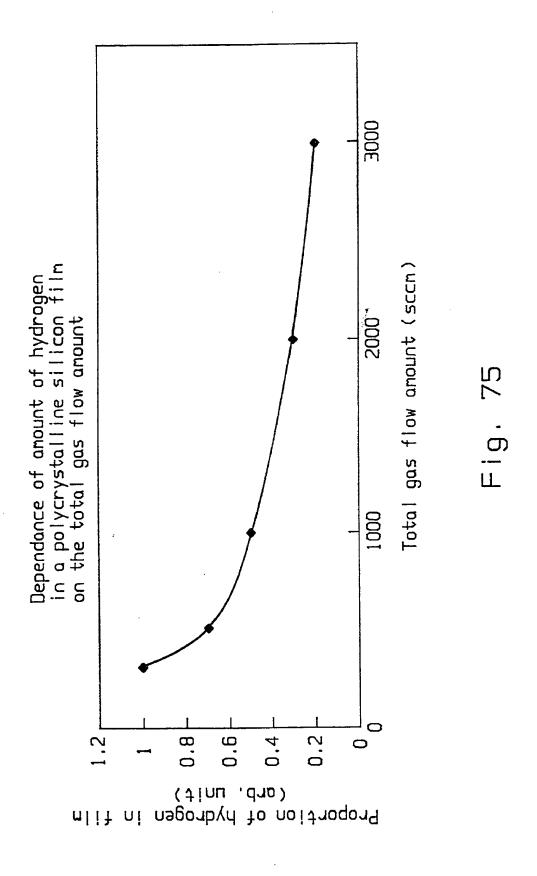


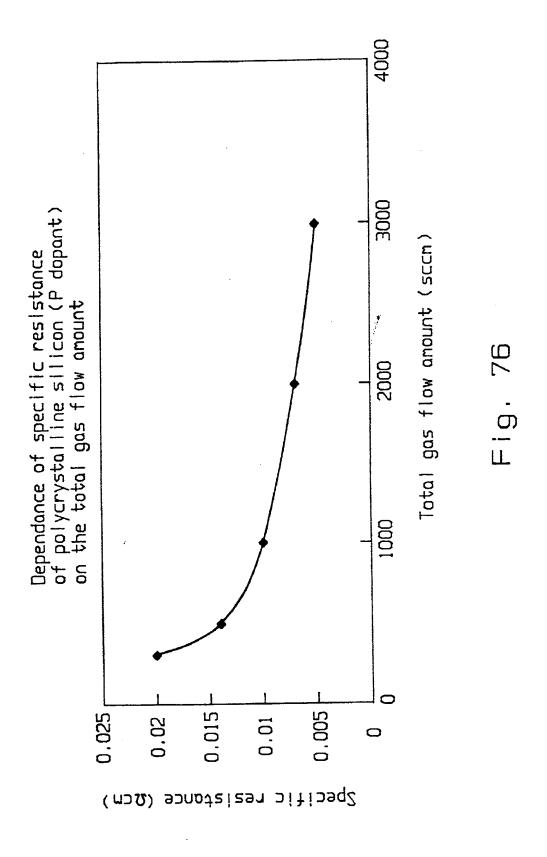


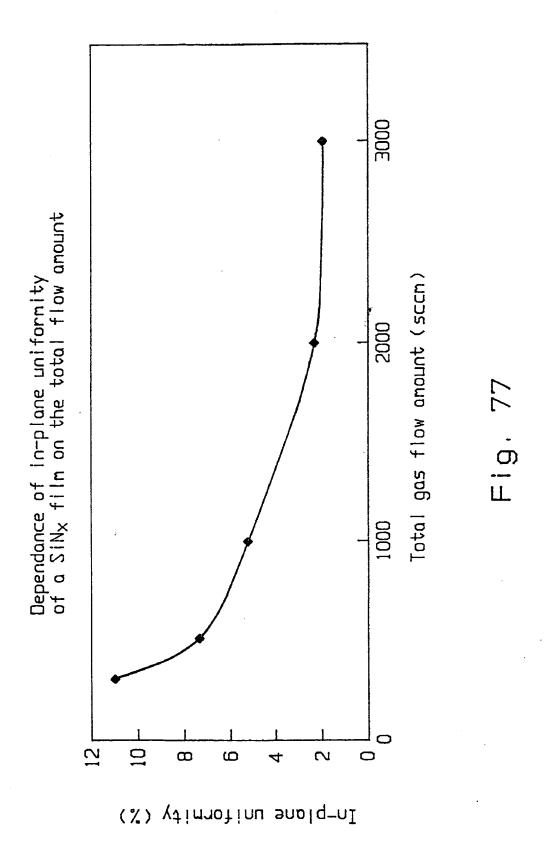


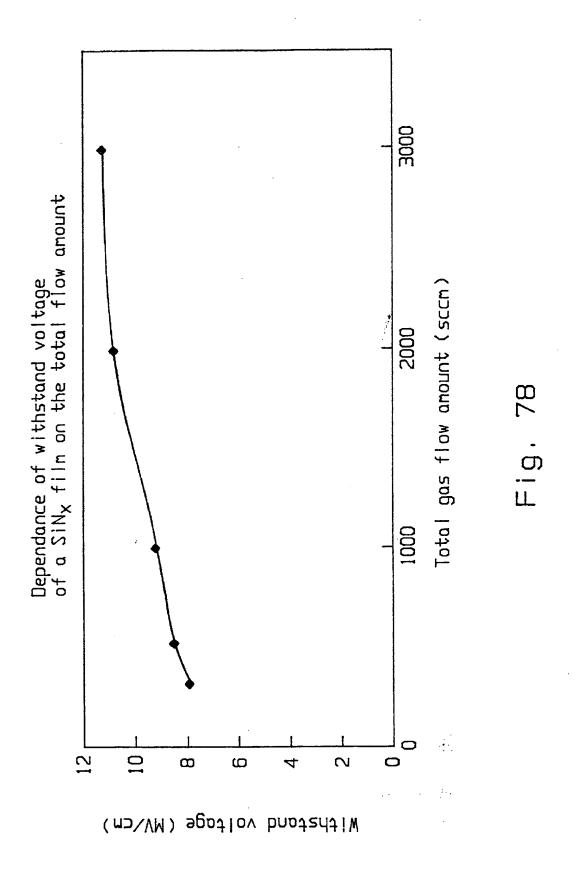


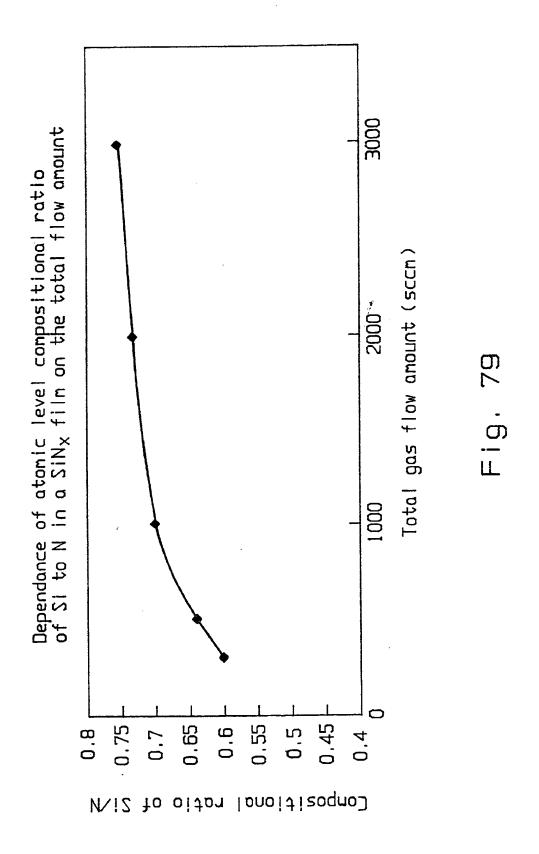




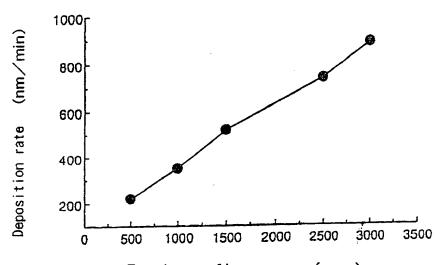








Dependence of the deposition rate of a fluorocarbon film on total gas flow amount



Total gas flow amount (sccm)

Fig. 80

Dependance of in - plane uniformity of the deposition rate of a fluorocarbon film on total gas flow amount on wafer

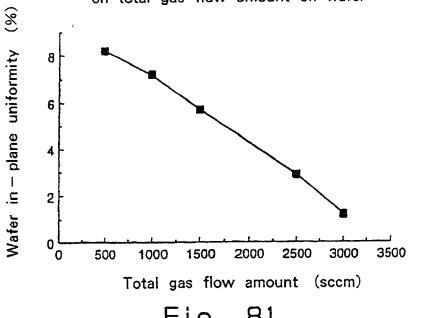
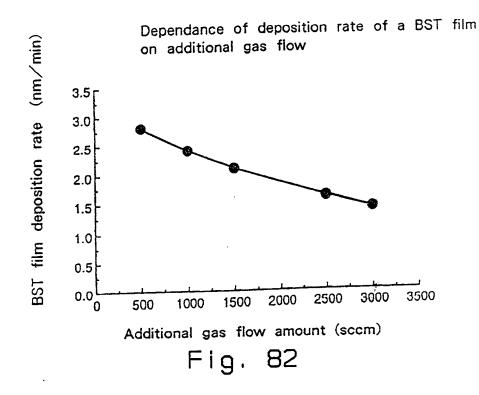


Fig. 81



Dependance of th in - plane uniformity of wafer of a deposition rate of a BST film on additional gas flow

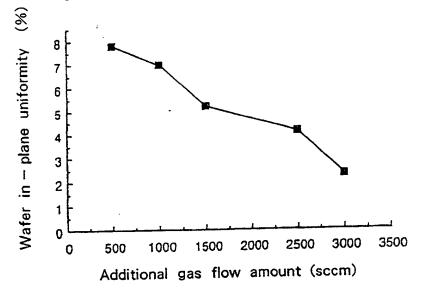
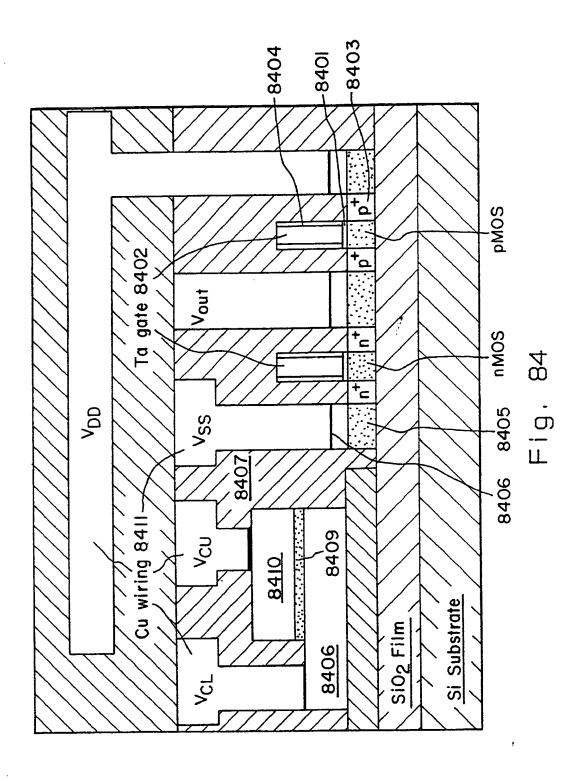
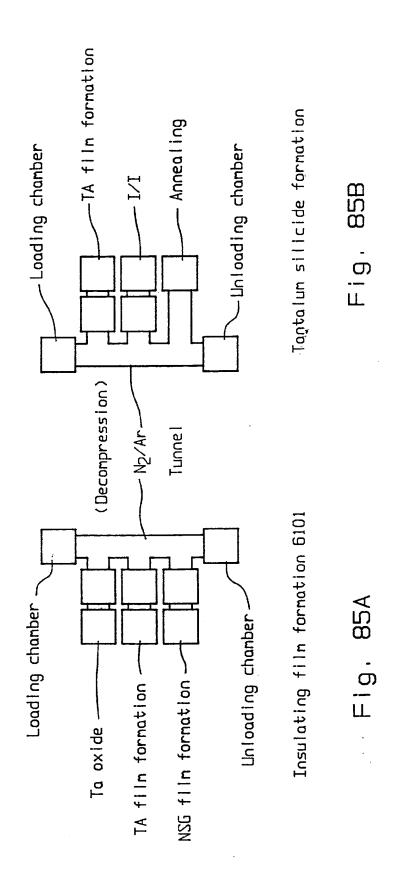
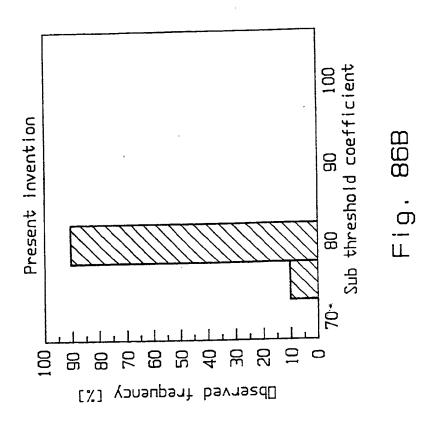
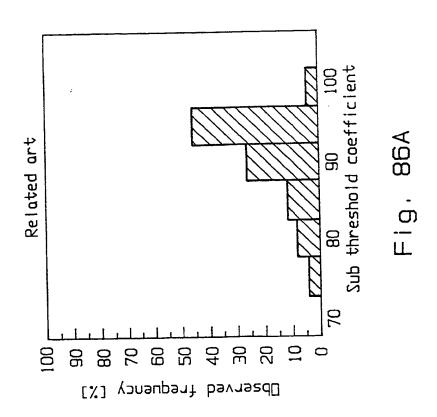


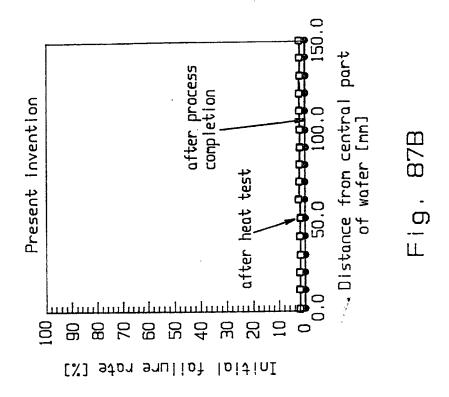
Fig. 83

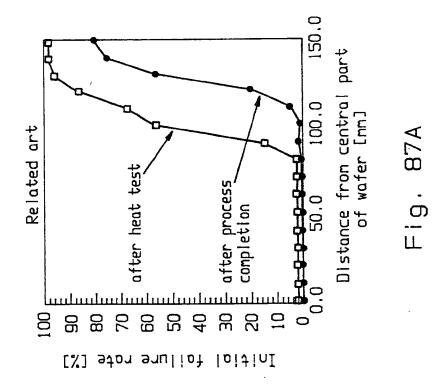


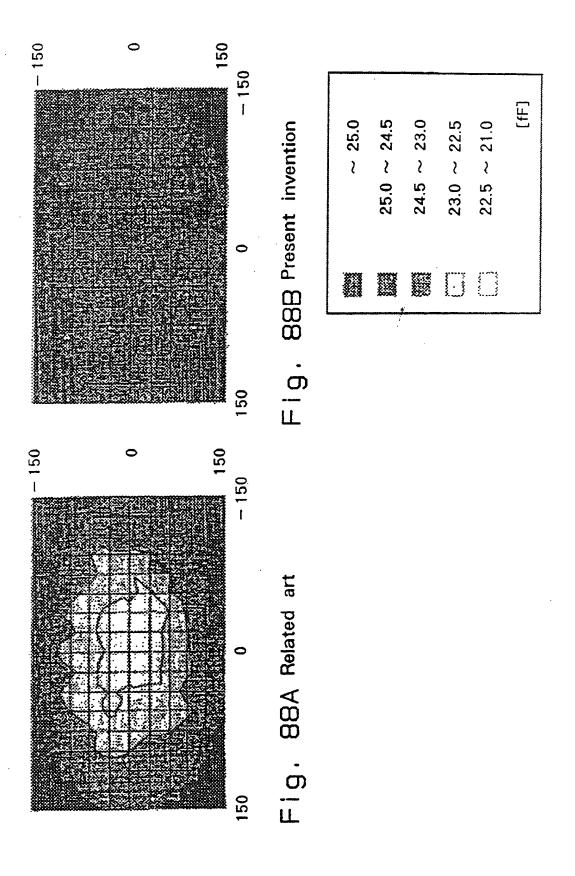


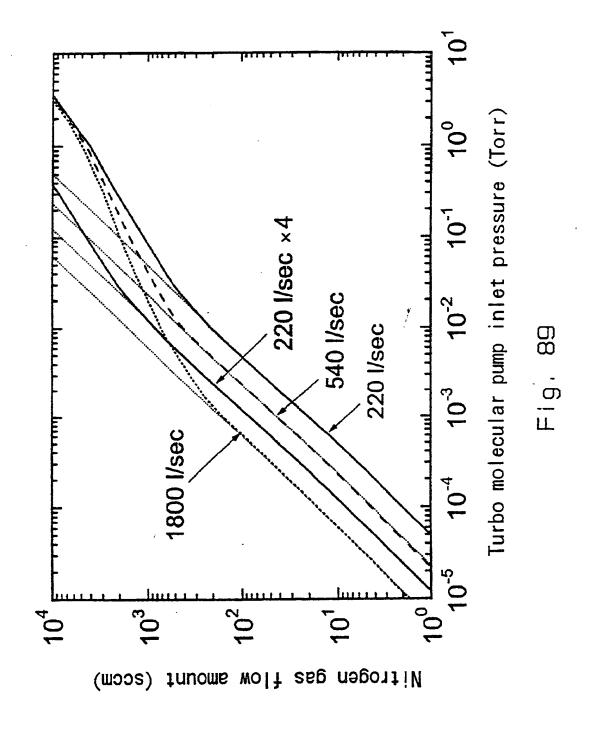


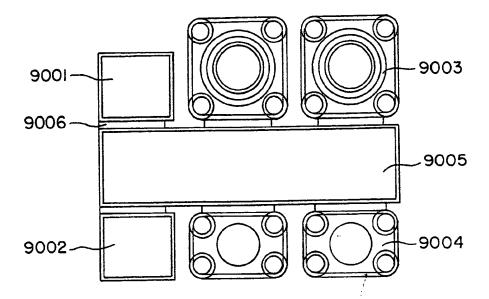






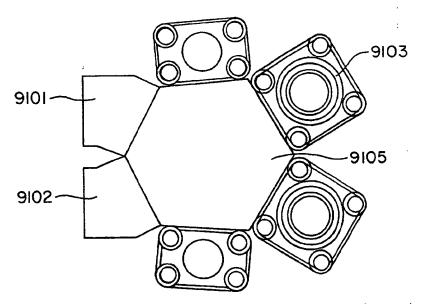






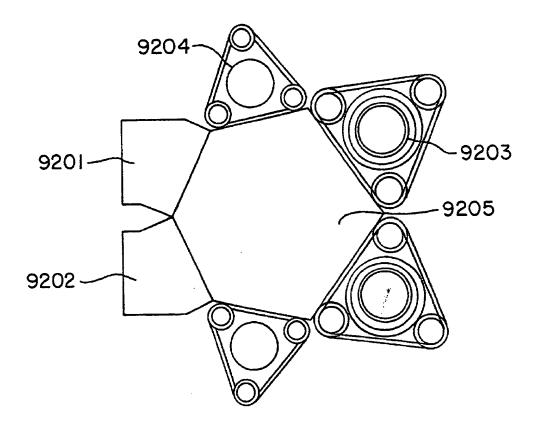
Cluster tool comprising assembly of rectangular process chamber (1)

Fig. 90



Cluster tool comprising assembly of rectangular process chamber (2)

Fig. 91



Cluster tool comprising assembly of triangular process chamber

Fig. 92

